

AMENDMENTS TO THE CLAIMS

Claims 1-11 (canceled)

12. (currently amended): We claim:

A seating device comprising:

- a base,
- ~~an means to support the upper-body support~~^{||} supported by the base,
- ~~an oscillating 3-dimensional movement drive system driving means~~ supported by the base,
- a seating surface attached to ~~the oscillating 3-dimensional movement drive system~~said driving means, so that ~~the seat is movable along each of three axes, relative to the upper body support~~at least one point of the seating surface is forced to move continuously and cyclically in at least two directions of motion periodically, whereby the number of one period of motion is larger than the number of the other period of motion.

13. (canceled)

14. (canceled)

15. (canceled)

16. (canceled)

17. (canceled)

18. (canceled)

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19. (currently amended) A seating device as in claim ~~11~~12 wherein said means to support "the upper-body" ~~support~~ comprises at least one supporting device resiliently mounted thereto.
20. (currently amended) A seating device as in claim ~~11~~19 wherein said means to support "the upper-body" ~~support includes~~ comprise at least one supporting device that is displaceable over a guide on a concave motion path relative to the base independently of the seating surface.
21. (currently amended) A seating device as in claim 920 wherein at least one supporting device comprises a ~~backrest~~ support.
22. (currently amended) A seating device as in claim 919 wherein at least one supporting device comprises a ~~at least one~~ lateral support that supports under the armpits.
23. (currently amended) A seating device as in claim 920 wherein at least one supporting device comprises a ~~stomach-rest~~ support.
24. (currently amended) A seating device as in claim 920 wherein at least one supporting device comprises a headrest.
25. (currently amended) A seating device as in claim 920 wherein at least one supporting device comprises a neck-rest.
26. (currently amended) A seating device as in claim 920 wherein at least one supporting device comprises a shoulder-rest.

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27. (currently amended) A seating device as in claim ~~11~~12 further including at least one ~~armrest~~ support resiliently supported by the base and comprising at least ~~a one~~ forearm support that is resiliently ~~shiftable~~ displaceable in at least a horizontal direction.
28. (currently amended) A seating device as in claim ~~16~~27 wherein said resilient arm support comprises a suspended mount mechanism.
29. (currently amended) A seating device as in claim ~~17~~28 whereby said ~~forearm~~ ^{N.S.} support further includes a spring^{''} type lock.
30. (currently amended) A seating device as in claim ~~18~~29 whereby said ~~forearm~~ support further includes an upper-arm support ~~that can engage~~ two of the latter being able to enclose the upper body support.
31. (currently amended) A seating device as in claim ~~11~~12 further including at least one ~~feet~~lower leg support with a footrest connected to the seating surface by a mounting device, whereby said ~~feet~~lower leg support is being mounted to the base as well. ~~so that it can be folded back toward the side of the seating device.~~
32. (canceled)
33. (currently amended) A seating device as in claim ~~11~~12 further including at least one leg-rest/~~and footrest~~ ~~support~~ supported by the base and being foldable into a recess provided within the base, whereby said leg-rest/~~and footrest~~ ~~support~~ is movable relative to the base and to the seating surface and is lockably mounted at an angled position by means of a rod or other mounting plates or guides. ~~and is lockable in each of a plurality of positions.~~

AMENDMENTS TO THE CLAIMS

34. (new) A seating device as in claim 12 wherein the number of the larger period of motion is chosen twice as large as the number of the other period of motion.
35. (new) A seating device as in claim 34 whereby said seating surface is shifted in its angle of inclination about a center of motion continuously and one specific the center of motion cannot be defined.
36. (new) A seating device as in claim 35 whereby said center of motion is shifted in dependence of the corresponding displacement of the seating surface.
37. (new) A seating device as in claim 36 whereby the seating surface is displaceable in its angle of inclination in sitting direction as well as laterally.
38. (new) A seating device as in claim 37 whereby said seating surface is displaceable forward and backward as well as laterally.
39. (new) A seating device as in claim 20 wherein at least one supporting device comprises a lumbar support.
40. (new) A seating device as in claim 19 wherein at least one supporting device comprises a chin-support. ^{N.S. new with}

AMENDMENTS TO THE CLAIMS



Claims 1-11 (canceled)

12. (currently amended): We claim:

A seating device comprising:

- a base,
- means to support the upper body supported by the base,
- driving means supported by the base,
- a seating surface attached to said driving means, so that at least one point of the seating surface is forced to move continuously and cyclically in at least two directions of motion periodically, whereby the number of one period of motion is larger than the number of the other period of motion.

13. (canceled)

14. (canceled)

15. (canceled)

16. (canceled)

17. (canceled)

18. (canceled)

AMENDMENTS TO THE CLAIMS

19. (currently amended) A seating device as in claim 12 wherein said means to support the upper body comprise at least one supporting device, resiliently mounted thereto.
20. (currently amended) A seating device as in claim 19 wherein said means to support the upper body comprise at least one supporting device that is displaceable over a guide on a concave motion path relative to the base independently of the seating surface.
21. (currently amended) A seating device as in claim 20 wherein at least one supporting device comprises a back support.
22. (currently amended) A seating device as in claim 19 wherein at least one supporting device comprises at least one lateral support that supports under the armpits.
23. (currently amended) A seating device as in claim 20 wherein at least one supporting device comprises a stomach support.
24. (currently amended) A seating device as in claim 20 wherein at least one supporting device comprises a headrest.
25. (currently amended) A seating device as in claim 20 wherein at least one supporting device comprises a neck-rest.
26. (currently amended) A seating device as in claim 20 wherein at least one supporting device comprises a shoulder-rest.

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27. (currently amended) A seating device as in claim 12 further including at least one arm support resiliently supported by the base and comprising at least one forearm support that is resiliently displaceable in at least a horizontal direction.
28. (currently amended) A seating device as in claim 27 wherein said resilient arm support comprises a suspended mount mechanism.
29. (currently amended) A seating device as in claim 28 whereby said arm support further includes a spring type lock.
30. (currently amended) A seating device as in claim 29 whereby said arm support further includes an upper-arm support two of the latter being able to enclose the upper body support.
31. (currently amended) A seating device as in claim 12 further including at least one lower leg support with a footrest connected to the seating surface by a mounting device, whereby said lower leg support is being mounted to the base as well.
32. (canceled)
33. (currently amended) A seating device as in claim 12 further including at least one leg-rest/footrest supported by the base and being foldable into a recess provided within the base, whereby said leg-rest/footrest is movable relative to the base and to the seating surface and is lockably mounted at an angled position by means of a rod or other mounting plates or guides.

AMENDMENTS TO THE CLAIMS

34. (new) A seating device as in claim 12 wherein the number of the larger period of motion is chosen twice as large as the number of the other period of motion.
35. (new) A seating device as in claim 34 whereby said seating surface is shifted in its angle of inclination about a center of motion continuously and one specific the center of motion cannot be defined.
36. (new) A seating device as in claim 35 whereby said center of motion is shifted in dependence of the corresponding displacement of the seating surface.
37. (new) A seating device as in claim 36 whereby the seating surface is displaceable in its angle of inclination in sitting direction as well as laterally.
38. (new) A seating device as in claim 37 whereby said seating surface is displaceable forward and backward as well as laterally.
39. (new) A seating device as in claim 20 wherein at least one supporting device comprises a lumbar support.
40. (new) A seating device as in claim 19 wherein at least one supporting device comprises a chin-support.